

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 88-170
NPDES NO. CA0028134

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

UNION CARBIDE INDUSTRIAL GASES, INC
LINDE DIVISION
PITTSBURG, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereafter called the Board), finds that:

1. On May 18, 1988 the Board adopted Order No. 88-86, a National Pollutant Discharge Elimination System (NPDES) Permit, prescribing waste discharge requirements for Union Carbide, Linde Division (hereinafter called the discharger).
2. Order No. 88-86 exempted the discharger from the Basin Plan discharge prohibition to creeks provided the discharger complied with Provision D.3 of this order. This provision requires the discharger to comply with the equivalent level of environmental protection plan outline in Finding 9 of this order and the Basin Plan effluent limitations for heavy metals by January 2, 1989.
3. On November 11, 1988 the discharger submitted a letter requesting an extension of the deadline for compliance with Provision D.3. of the permit to January 2, 1990.
4. The rationale for the twelve month extension is that the discharger may need this time to hook up to the Delta Diablo Sanitation District if the first two treatment alternatives for compliance with Provision D.3 fail. These two treatment alternatives are 1) redirecting the compressor condensate to the cooling tower basin and installing a cooling tower ozonation system to achieve zero cooling tower blowdown and 2) installing a heavy metal removal system to treat the reduced blowdown (provided zero blowdown can not be achieved with ozonation).
5. The discharger will install a cooling tower ozonation system December 1, 1988 and may be in compliance with Provision D.3. soon thereafter. However, the manufacturer of the cooling tower ozonation system recommends a six month testing period to debug, evaluate, and optimize ozonation in order to achieve zero blowdown.

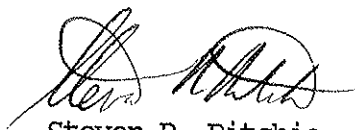
6. It appears reasonable to grant the discharger a twelve month extension to comply with Provision D.3. of the permit because 1) the discharger has demonstrated a good effort to comply with the permit and may be in compliance soon after installation of the ozonation system and 2) this amount of time will allow the discharger to hook up to the Delta Diablo Sanitation District if needed to comply with the permit.
7. On November 18, 1988 the discharger requested a permit transfer from Union Carbide Corporation to Union Carbide Industrial Gases, Inc. This order reflects this change.
8. As this project is an NPDES Permit revision, this Board, pursuant to Water Code Section 13389, is not required to comply with the provisions of Chapter 3 of Division 13 of the Public Resources Code (California Environmental Quality Act).
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe revised waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that the Board's Order No. 88-86 be amended as follows:

D. Provision 3 is revised to read as follows:

The discharger shall comply with the equivalent level of environmental protection plan as described in Finding 9 and effluent limitations B.2 by January 2, 1990. A report on progress toward compliance shall be submitted to the Executive Officer by June 15, 1989.

I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on December 21, 1988.



Steven R. Ritchie
Executive Officer